



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number

TO: Samuel W Liu
Location: 9d08 / 9b01
Saturday, October 18, 2003
Art Unit: 1653
Phone: 306-3483
Serial Number: 09 / 847061

From: Jan Delaval
Location: Biotech-Chem Library
CM1-1E07
Phone: 308-4498

jan.delaval@uspto.gov

Search Notes

STIC
Biotech-Chem Library
Phone: 308-4498
jan.delaval@uspto.gov

=> fil reg

FILE 'REGISTRY' ENTERED AT 18:02:02 ON 18 OCT 2003
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Property values tagged with IC are from the ZINCv111 database
 provided by InfoChem.

STRUCTURE FILE UPDATES: 16 OCT 2003 HIGHEST RN 606080-18-6
 DICTIONARY FILE UPDATES: 16 OCT 2003 HIGHEST RN 606080-18-6

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See
 PROPERTIES for more information. See STNotes, Searching, in the
 CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes77.pdf>

=> d sta que 112

L7 STR

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      93 7
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      1 C C C C C C C C C C
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      30 45 47 48 51 61 N C 69 71
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      37 C 36 C 35 O 83
      O 41
  
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 CONNECT IS M1 RC AT 94
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED
 ECOUNT IS E5 C E1 O AT 92

AMERICAN CHEMICAL SOCIETY
 CAS & Chemical Library
 527-703-015-4498
 cas@cas.org

ECOUNT IS E5 C E1 O AT 94

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 83

STEREO ATTRIBUTES: NONE

L9 730 SEA FILE=REGISTRY CSS FUL L7

L10 STR

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8 C C

6 C 5 4 C
10 HO C O
HO 11 18 12 O 14 Me 19
C C

15 C
17 C 16 C
C OH 20

22 Me

29
OH

24
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21 23 25 28
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NODE ATTRIBUTES:

CONNECT IS M1 RC AT 9

CONNECT IS M1 RC AT 28

DEFAULT MLEVEL IS ATOM

DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 28

STEREO ATTRIBUTES: NONE

L12 3 SEA FILE=REGISTRY SUB=L9 CSS FUL L10

100.0% PROCESSED 5 ITERATIONS

SEARCH TIME: 00.00.01

* ANSWER

=> d his

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SET COST OFF

FILE 'HCAPLUS' ENTERED AT 17:30:50 ON 18 OCT 2003

E US20020049156/PN

L1 1 S E3

L2 2 S (W02001-US40648 OR W02001-US14000)/AF, PRN

E US2000-312428/AP, PRN

E US2000-213428/AP, PRN

L3 2 S E5

L4 2 S L1-L3

SEL RN

FILE 'REGISTRY' ENTERED AT 17:32:00 ON 18 OCT 2003

L5 22 S E1-F22
 L6 9 S L5 AND OC5/ES AND NR>=10
 L7 STR
 L8 36 S L7 CSS
 L9 730 S L7 CSS FUL
 SAV L9 LIU847/A
 L10 STR
 L11 0 S L10 CSS SAM SUB=L9
 L12 3 S L10 CSS FUL SUB=L9
 SAV L12 LIU847A/A
 L13 7 S L5 AND L9
 L14 2 S L6 NOT L13
 L15 3 S L13 NOT (C66H75CL2N9O24 OR C79H84CL3N9O24 OR C81H88CL3N9O26 O
 L16 3 S L12,L15

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L17 0 S L16

FILE 'HCAPLUS' ENTERED AT 18:01:38 ON 18 OCT 2003

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 L19 1 S L18 AND L1-L4

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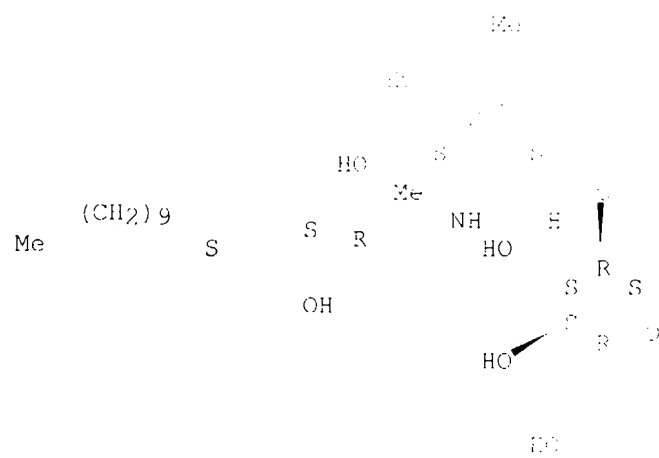
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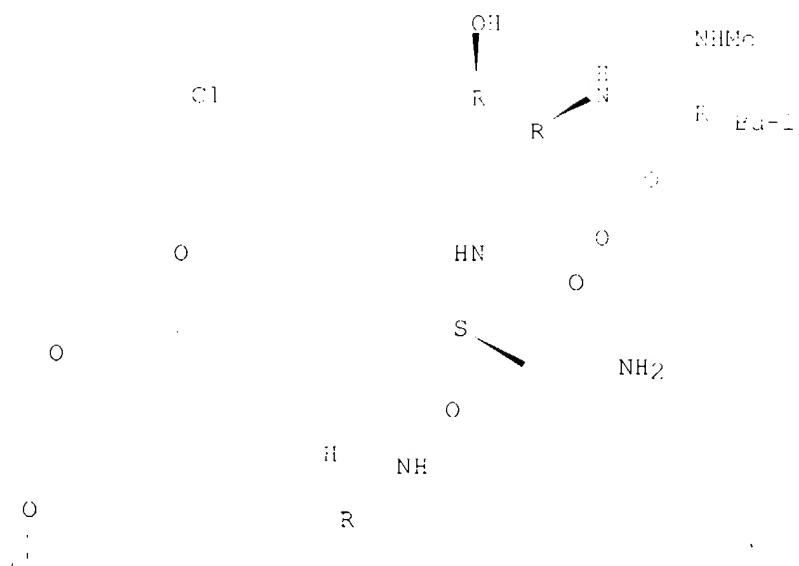
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 RN **383172-95-0** REGISTRY
 CN Vancomycin, N3''-[(2R,3R)-4-(dodecylthio)-2,3-dihydroxybutyl -
 INDEX NAME)
 FS STEREOSEARCH
 MF C80 H103 Cl2 N9 O26 S
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

PAGE 1-A



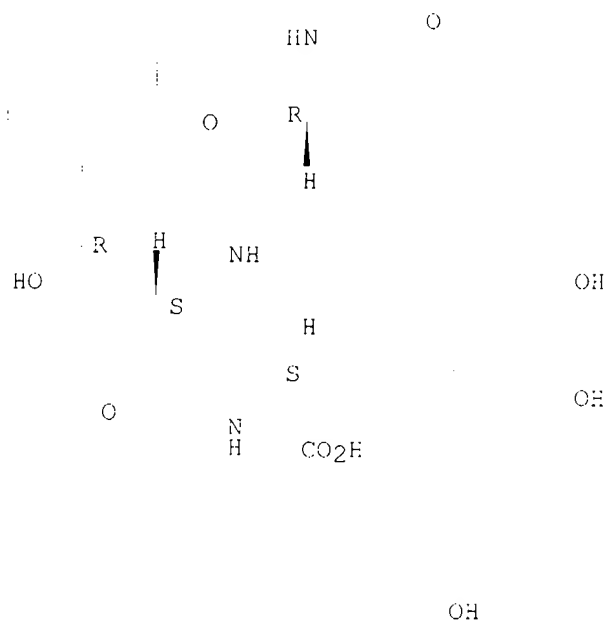
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PAGE 2-A

C1

PAGE 2-B



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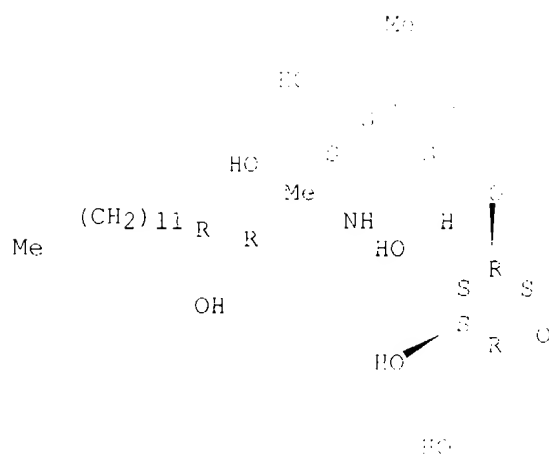
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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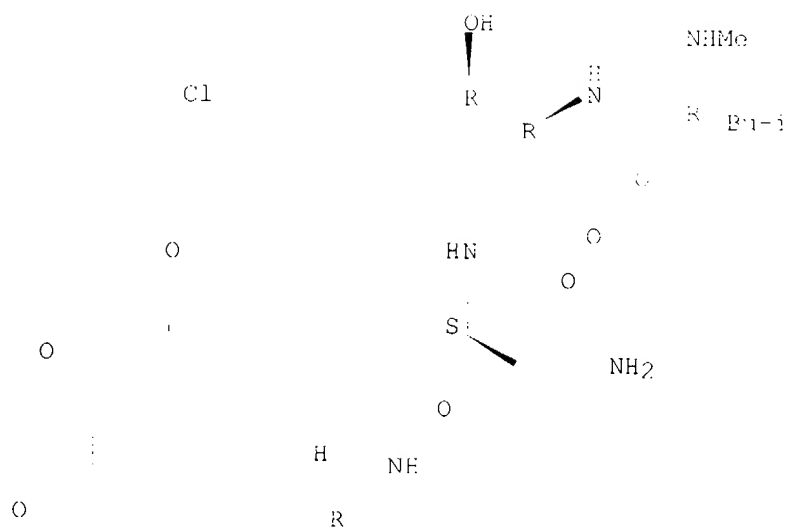
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SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

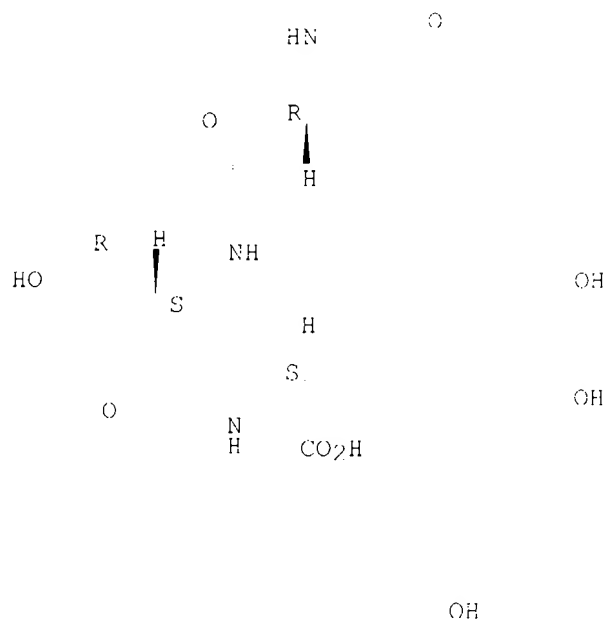
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PAGE 1-B



PAGE 2-A



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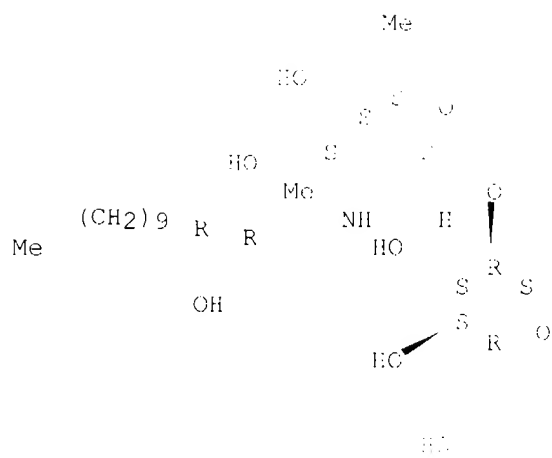
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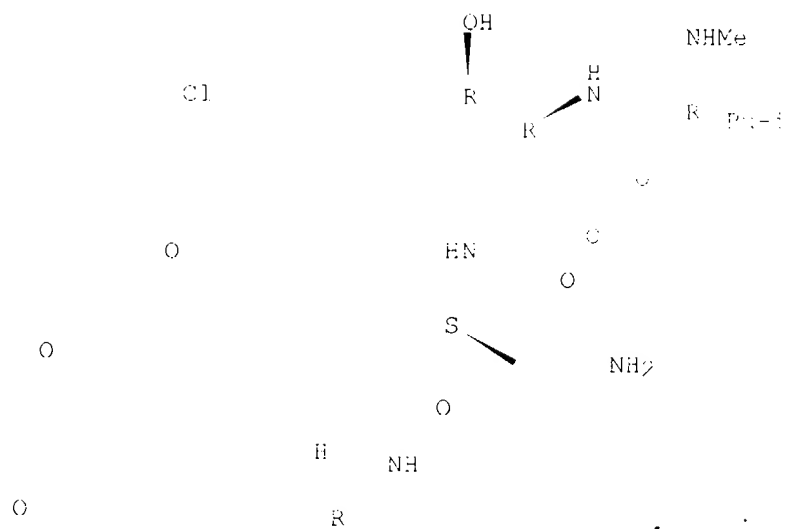
L16 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN
RN **383172-93-8** REGISTRY
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FS STEREOSEARCH
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LC STN Files: CA, CAPLUS

Absolute stereochemistry.

PAGE 1-A



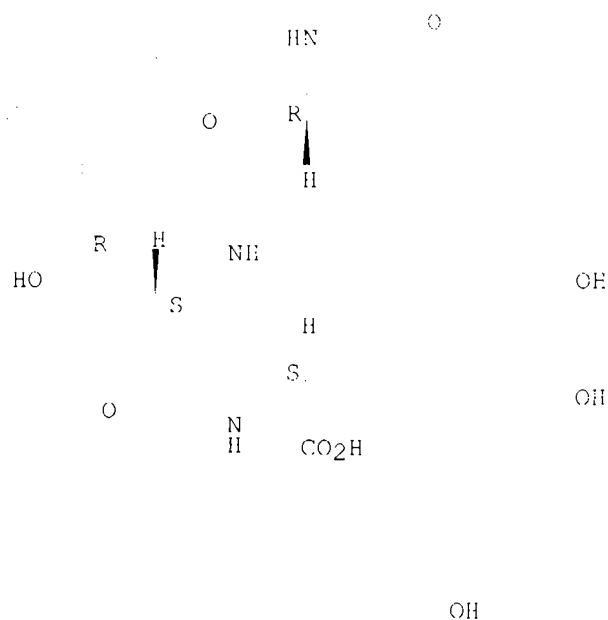
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PAGE 2-A

Q2

PAGE 1-9



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:58854

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 FILE 'HCAPLUS' ENTERED AT 18:02:16 ON 18 OCT 2003
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FILE COVERS 1907 - 18 Oct 2003 VOL 139 ISS 17
 FILE LAST UPDATED: 17 Oct 2003 (20031017/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

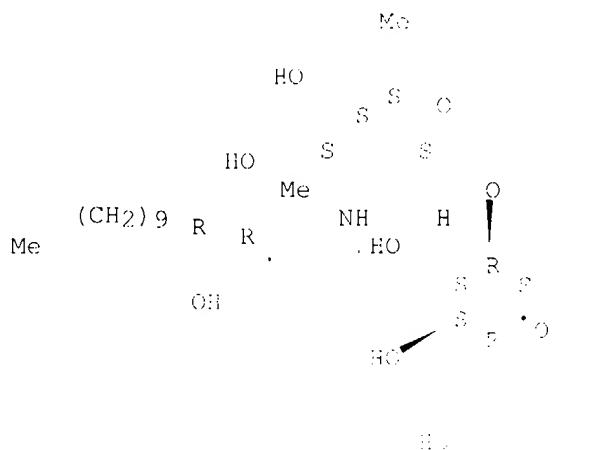
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L19 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:935631 HCAPLUS
 DN 136:58854
 TI Polyhydroxy glycopeptide derivatives useful as antibacterial agents
 IN Yang, Guang; Schmidt, Donald E., Jr.; Judice, J. Kevin
 PA Advanced Medicine, Inc., USA
 SO PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM C07K009-00
 ICS A61K038-14; A61P031-04
 CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 1, 34

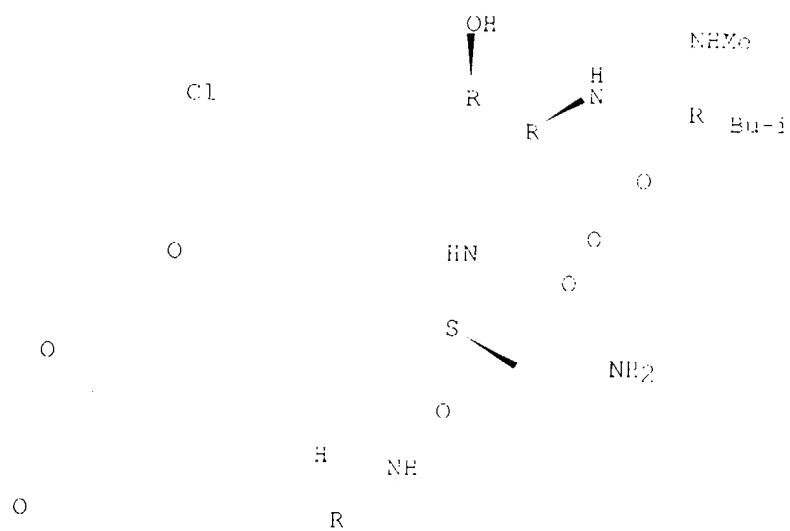
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	US 2002049156	A1	20020425	US 2001-847061	20010501 <--
PRA1	US 2000-213428P	P	20000622	<--	
OS	MARPAT 136:58854				
AB	<p>Disclosed are polyhydroxy derivs. of glycopeptides and pharmaceutical compns. contg. such glycopeptide derivs. The disclosed glycopeptide derivs. are useful as antibacterial agents. A dihydroxylate vancomycin deriv. was prepd. by the reaction of vancomycin hydrochloride with 2,3-bis(trimethylsiloxy)tridecanal (prepn. given). Antibacterial activity of the vancomycin derivs. was shown in vitro and in vivo. A suppository contained above vancomycin deriv. 550 mg, and Witepsol H-15 for the balance.</p>				
ST	polyhydroxy glycopeptide prepn antibacterial agent; pharmaceutical.				
	suppository antibacterial; hydroxylate vancomycin prepn.				
IT	Infection				
	(bacterial; polyhydroxy glycopeptide derivs. useful as antibacterial agents)				
IT	Drug delivery systems				
	(freeze-dried; polyhydroxy glycopeptide derivs. useful as antibacterial agents)				
IT	Drug delivery systems				
	(injections; polyhydroxy glycopeptide derivs. useful as antibacterial agents)				
IT	Antibacterial agents				
	Antibiotics				
	Drug bioavailability				
	(polyhydroxy glycopeptide derivs. useful as antibacterial agents)				
IT	Glycopeptides				
	RI: PAC (Pharmacological activity); SPN (Synthetic preparation); TUB (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(polyhydroxy glycopeptide derivs. useful as antibacterial agents)				
IT	Drug delivery systems				
	(suppositories; polyhydroxy glycopeptide derivs. useful as antibacterial agents)				
IT	Drug delivery systems				
	(suspensions, oral; polyhydroxy glycopeptide derivs. useful as				

PAGE 1-A



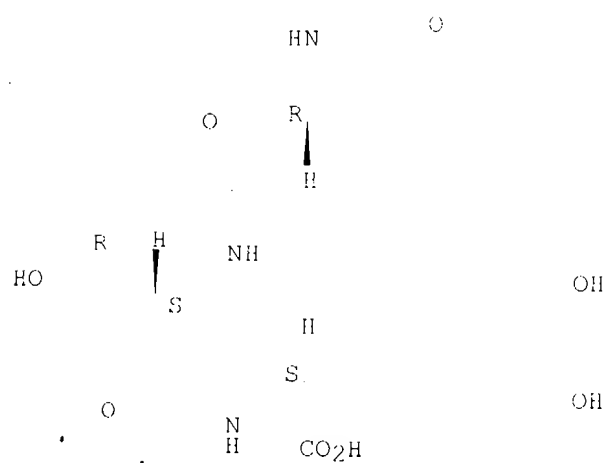
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PAGE 2-A

64

PAGE 2-3

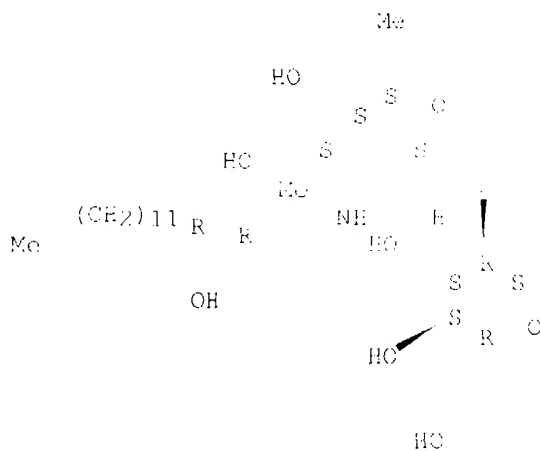


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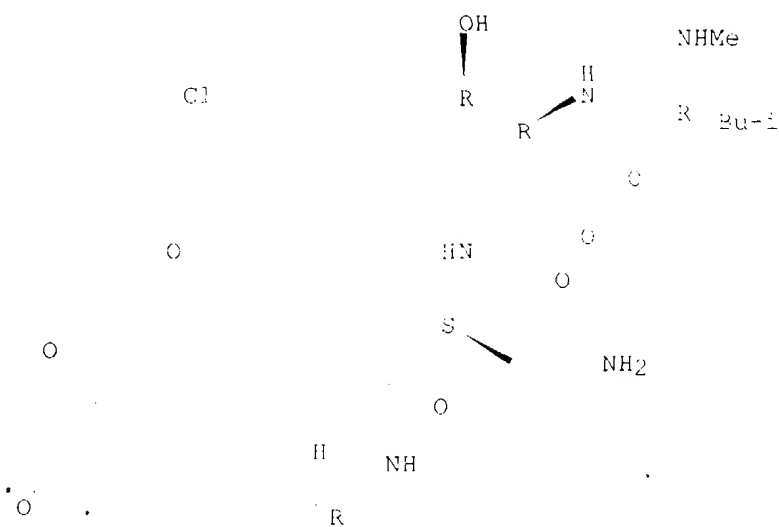
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Absolute stereochemistry.

11u 1-0



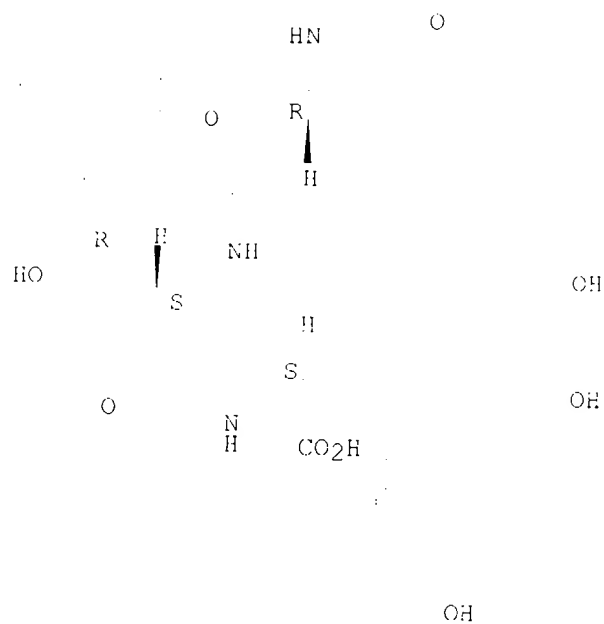
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PAGE 2-A

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PAGE 2-B



RN 383172-95-0 HCAPLUS
 CN Vancomycin, N3'''-[(2R,3R)-4-(decylthio)-2,3-dihydroxybutyl]- (9C1) (CA
 INDEX NAME)

Absolute stereochemistry.

